

Offering to streamline software development

Fujitsu Low-code Development Platform



Interest and demand for burgeoning software development





In modern society, there is a rapidly growing interest and demand for software development across various social systems, including transportation systems. In this context, the scope of software development is getting larger and more complex every year, requiring advanced expertise.

In the area of embedded software development, there is a currently a shortage of the skills that are necessary for the development of high-quality and secure software. Companies face the following problems:

<p>Increase in Scale and Complexity</p> <p>Development, testing, and maintaining embedded software is increasingly challenging as it grows in complexity and scale.</p>	<p>Need for High Level of Expertise</p> <p>Developing higher quality and more secure embedded software requires specialized programming.</p>	<p>Shortage of skilled labour</p> <p>With a shortage of engineers and developers with the necessary skills, companies are struggling to find the right people.</p>	<p>Need for Efficient Development Processes</p> <p>Efficient and rapid development and release of embedded software are required.</p>
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Low-code development platform solves development challenges

The low-code development platform addresses the shortage of engineers and resulting issues in embedded software development for IoT devices. We help our customers promote innovation.

 <p>Easy operation and maintenance. The functionality and test environment required for software development are already in place, making maintenance support easy.</p>	 <p>Availability and reliability. By eliminating human errors and using automated processes, both accelerated development and improved quality are achieved.</p>	 <p>Strengthening Human Resources It becomes possible to delegate development tasks to team members who may not possess highly specialized coding skills.</p>	 <p>Development Process Transformation It minimizes the time required to develop legacy components and significantly reduces the time required to develop valuable services.</p>
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Fujitsu Low-code Development Platform

Primary Function

MBD (App development)

- Easily modelling source code assets already in place

E/E Architecture

- Digitizing design information and supporting centralized data management

CAN communication

- Automatically generating design documents, code, and test environments

Android

- Automating evaluation
- Deploying generic components

DevOps Environment

- Process Automation**
- Visualization of Quality Status**

In addition to the base model, we can also build an environment to match the tools you need.

Edge AI

- Deploying model compression technology and its test environment

AUTOSAR Development

- Providing an environment to support AUTOSAR development

AI Document Review

- AI review functionality to improve the efficiency of document creation

To be developed

Features and Fujitsu Expertise



Leveraging Existing Systems

We provide plugins designed with the concepts of 'automation' and 'leveraging existing assets' in mind, ensuring effortless integration with current systems.



Versatility

It is suitable for use in mass production development and Proof of Concept (PoC) projects where speed is a priority, and can also be used as training material for reskilling.



Experience and Expertise

Our Extensive experience in embedded software development enables to provide an efficient development environment.

Fujitsu Limited

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